

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	45	(common near2 words) same (uncommon near2 words)	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:34
L2	8	(common near2 words) same (spell adj check\$3)	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:34
L3	5	(stop adj word\$1) same (spell adj check\$3)	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:34
L4	0	seperate\$2 with search with spell with check\$3	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:34
L5	1	separate\$2 with search with spell with check\$3	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:35
L6	243	process\$3 with (stop adj word\$1)	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:35
L7	104	process\$3 near4 (stop adj word\$1)	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:35
L8	16	second near4 (stop adj word\$1)	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:35
L9	16	second\$2 near4 (stop adj word\$1)	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:35
L10	146	715/533	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:35
L11	146	715/533	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:35
L12	10674	707/3	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:35
L13	5064	707/5	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:36
L14	3	((misspell\$3 adj3 substring\$1) and alternat\$3 and query)".clm"	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:38
L15	820	(iterat\$6 and spell\$3 and alternat\$3 and query)".clm"	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:40
L16	808	(iterat\$6 and spell\$3 and alternat\$3 and query and (chang\$3 or modif\$3))".clm"	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:41
L17	121	(iterat\$6 and spell\$3 and alternat\$3 and query and (chang\$3 or modif\$3) and (stop adj word\$1))".clm"	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:44
L18	0	(iterat\$6 and spell\$3 and alternat\$3 and query and (chang\$3 or modif\$3) and (stop adj word\$1)) and viterbi".clm"	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:42

## EAST Search History

L19	121	(iterat\$6 and spell\$3 and alternat\$3 and query and (chang\$3 or modif\$3) and (stop adj word\$1))".clm" and 715/533	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:44
L20	4	715/533 and (iterat\$6 and spell\$3 and alternat\$3 and query and (chang\$3 or modif\$3) and (stop adj word\$1))".clm"	US-PGPUB; USPAT	OR	OFF	2007/05/31 19:44

	U	1	Document ID	Issue Date	Pages	Title
1			US 20070106937 A1	20070510	23	SYSTEMS AND METHODS FOR IMPROVED SPELL CHECKING
2	X		US 20070022373 A1	20070125	12	Probabilistic learning method for XML annotation of documents
3	X		US 20060229878 A1	20061012	35	Waveform recognition method and apparatus
4	X		US 20060203646 A1	20060914	55	Optical information recording apparatus, optical information recording method, and signal processing circuit
5	X		US 20060190244 A1	20060824	9	System and method for text analysis
6	X		US 20050256715 A1	20051117	44	Language model generation and accumulation device, speech recognition device, language model creation method, and speech recognition method
7	X		US 20050234906 A1	20051020	17	Segmentation of strings into structured records
8	X		US 20050210383 A1	20050922	24	Systems and methods for improved spell checking
9	X		US 20050149814 A1	20050707	36	Diagnostics of cable and link performance for a high-speed communication system
10	X		US 20050013348 A1	20050120	14	Sub-optimal iterative receiver method and system for a high- bit-rate cdma transmission system

	U	1	Document ID	Issue Date	Pages	Title
11	X		US 20040243408 A1	20041202	13	Method and apparatus using source-channel models for word segmentation
12	X		US 20020150295 A1	20021017	12	Handwritten word recognition using nearest neighbor techniques that allow adaptive learning
13	X		US 6898185 B1	20050524	35	Diagnostics of cable and link performance for a high-speed communication system
14	X		US 6816830 B1	20041109	38	Finite state data structures with paths representing paired strings of tags and tag combinations
15	X		US 6587977 B1	20030701	13	o,k,m,/m recording code
16	X		US 6574595 B1	20030603	10	Method and apparatus for recognition-based barge-in detection in the context of subword-based automatic speech recognition
17	X		US 6411452 B1	20020625	41	Disk drive employing read error tolerant sync mark detection
18	X		US 6405161 B1	20020611	14	Method and apparatus for learning the morphology of a natural language
19	X		US 6400288 B1	20020604	31	Method and apparatus for generating code words with shifted tribit error protection

	U	1	Document ID	Issue Date	Pages	Title
20	X		US 6204781 B1	20010320	17	General rate N/(N+1) (0, G) code construction for data coding
21	X		US 6130629 A	20001010	20	Rate 24/25 (0,9) code method and system for PRML recording channels
22	X		US 6125345 A	20000926	16	Method and apparatus for discriminative utterance verification using multiple confidence measures
23	X		US 6073099 A	20000606	11	Predicting auditory confusions using a weighted Levinstein distance
24	X		US 6006182 A	19991221	9	Speech recognition rejection method using generalized additive models
25	X		US 5987404 A	19991116	6	Statistical natural language understanding using hidden clumpings
26	X		US 5956419 A	19990921	54	Unsupervised training of character templates using unsegmented samples
27	X		US 5949961 A	19990907	12	Word syllabification in speech synthesis system
28	X		US 5883986 A	19990316	69	Method and system for automatic transcription correction
29	X		US 5757959 A	19980526	30	System and method for handwriting matching using edit distance computation in a systolic array processor

	U	1	Document ID	Issue Date	Pages	Title
30	X		US 5710916 A	19980120	41	Method and apparatus for similarity matching of handwritten data objects
31	X		US 5706364 A	19980106	56	Method of producing character templates using unsegmented samples
32	X		US 5689620 A	19971118	76	Automatic training of character templates using a transcription and a two-dimensional image source model
33	X		US 5689585 A	19971118	28	Method for aligning a text image to a transcription of the image
34	X		US 5615299 A	19970325	15	Speech recognition using dynamic features
35	X		US 5594809 A	19970114	76	Automatic training of character templates using a text line image, a text line transcription and a line image source model
36	X		US 5579436 A	19961126	19	Recognition unit model training based on competing word and word string models
37	X		US 5488719 A	19960130	21	System for categorizing character strings using acceptability and category information contained in ending substrings
38	X		US 5377281 A	19941227	15	Knowledge-based character recognition

	U	1	Document ID	Issue Date	Pages	Title
39	X		US 5195167 A	19930316	15	Apparatus and method of grouping utterances of a phoneme into context-dependent categories based on sound-similarity for automatic speech recognition
40	X		US 5072452 A	19911210	28	Automatic determination of labels and Markov word models in a speech recognition system
41	X		US 4882759 A	19891121	23	Synthesizing word baseforms used in speech recognition
42	X		US 4833712 A	19890523	53	Automatic generation of simple Markov model stunted baseforms for words in a vocabulary
43	X		US 4819271 A	19890404	20	Constructing Markov model word baseforms from multiple utterances by concatenating model sequences for word segments
44	X		US 4817156 A	19890328	30	Rapidly training a speech recognizer to a subsequent speaker given training data of a reference speaker
45	X		US 4759068 A	19880719	35	Constructing Markov models of words from multiple utterances

	U	1	Document ID	Issue Date	Pages	Title
46	X		US 4748670 A	19880531	54	Apparatus and method for determining a likely word sequence from labels generated by an acoustic processor
47	X		US 4718094 A	19880105	79	Speech recognition system
48	X		US 4654875 A	19870331	6	System to achieve automatic recognition of linguistic strings